

Elcometer 266

Holiday Detector

The Elcometer 266 revolutionises High Voltage DC testing of coatings porosity detection making it safer, easier and more reliable than ever before.

STANDARDS:

ANSI/AWWA C213, AS 3894.1, ASTM C 536, ASTM C 537, ASTM D 4787, ASTM D 5162-B, ASTM G 62-B, BS1344-11, DIN 55670, EN 14430, ISO 2746, ISO 29601, JIS K 6766, NACE RP0274, NACE RP0188, NACE RP0190, NACE RP0490, NACE SP0188, NACE SP0490

Voltage calculator automatically sets the correct voltage from your coating thickness value

Adjustable Voltage:
0.5kV - 1kV in 50V steps
1kV to 30kV in 100V steps

A wide range of probe brushes and rolling springs available

To change maximum voltage range, select a different handle; 5kV, 15kV or 30kV DC or 30kV DC continuous

Visual and audible alarms, Bright LEDs on the handle, as well as a loud buzzer, clearly indicate when a holiday is detected

Internal Voltmeter/Jeep tester ensures that the test voltage equals the selected voltage

Dual safety switch on handle to avoid accidental switch on (Grey/orange probe handles only)

2YEAR*
WARRANTY



For a full range of rolling springs, rubber or wire brush probes and other accessories see page 14



Key Features

**Interchangeable DC probe handles****

Part Number	Description
T26620033-1	DC5 (0.5 - 5kV)
T26620033-2	DC15 (0.5 - 15kV)
T26620033-3	DC30 (0.5 - 30kV)
T26620033-4	DC30S (0.5 - 30kV)

**Integrated voltage calculator**

Enter the test standard & the coating thickness then the gauge will automatically programme the correct voltage

**Testing has never been safer**

Ribbing provides additional user protection - specifically designed to meet EN 61010

**Second hand grip is available**

Ideal for testing pipes and tank floors with 2 hands - without compromising safety

Part Number	Description
T26620081	Second Hand Grip

**Removeable, quick charge batteries**

Fully charge the battery pack in 4 hours, within the gauge or separately, for up to 40 hours of continuous testing

**Universal probe adaptors**

Enables the Elcometer 266 to work with all major holiday detector's accessories. For the complete range of adaptors see page 14

Part Number	Description
T99923482	Rechargeable lithium ion battery pack

Technical Specification



Description	Part Number [†]	Certificate
Elcometer 266*	D266----4	○
High Voltage Output Accuracy	±5% or ±50V below 1000 Volts	
Operating Temperature	0°C to 50°C (32°F to 120°F)	
Power Supply	Rechargeable battery Pack; battery fully charged within 4 hours	
Measured Current Flow Accuracy	±5% of full scale ; 0 - 100µA maximum Output Current	
Typical Battery Life - Backlight Off (On)	DC5: 40 (20) hours DC15: 20 (15) hours DC30: 10 (8) hours	
Instrument Case Dimensions	Waterproof, ABS case; 520 x 370 x 125mm (20.5 x 14.5 x 5")	
Weight	Base unit (including battery pack): 1.2kg (2.7lb) Handle: 0.6kg (1.3lb)	
Packing List	Elcometer 266 DC Holiday Detector, battery pack, curly connection cable for high voltage handle, 10m (32') signal return lead, battery charger with UK, EUR, US and AUS plugs, band brush, shoulder strap, tough plastic carry case and operating instructions	

Probe Handles



Part Number	Description	Voltage Range	Certificate
T26620033-1	Elcometer 266 Probe Handle Voltage ^{†**}	DC5 (0.5 - 5kV)	○
T26620033-1C	Elcometer 266 Probe Handle Certified ^{†**}	DC5 (0.5 - 5kV)	
T26620033-2	Elcometer 266 Probe Handle Voltage ^{†**}	DC15 (0.5 - 15kV)	○
T26620033-2C	Elcometer 266 Probe Handle Certified ^{†**}	DC15 (0.5 - 15kV)	
T26620033-3	Elcometer 266 Probe Handle Voltage ^{†**}	DC30 (0.5 - 30kV)	○
T26620033-3C	Elcometer 266 Probe Handle Certified ^{†**}	DC30 (0.5 - 30kV)	
T26620033-4	Elcometer 266 Probe Handle Voltage ^{†**} (Continuous Voltage)	DC30S (0.5 - 30kV)	○
T26620033-4C	Elcometer 266 Probe Handle Certified ^{†**} (Continuous Voltage)	DC30S (0.5 - 30kV)	
T26620081	Second Hand Grip		

[†] The Elcometer 266 does not include the probe handle; please select the required handle from the list above.

* The Elcometer 266 main instrument is supplied with a one year warranty against manufacturing defects. The warranty can be extended to two years via www.elcometer.com

** Probe handles are supplied with a one warranty against manufacturing defects.

○ Optional Calibration Certificate available.